

Work Order ID 55668



Page 1

January 27, 2010 11:22:18 AM

Item ID: D412-702-045B

Accept



Setup Start



Revision ID:

Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Stop



Start Date: 1/27/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

PL

Date: 10/27

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9469	A
IIN D412-702	Rev E

100 0.00



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D412-702-045B DSI 9469 CHG004

*S. dozlin**JJ for BG 10/02/10*

110 0.00



QC

Quality Control

Memo

0.00

S. dozlin

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



Packaging

0.00

Pack 1/2/11 0

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D412-702-045B
CHG003 Location: _____ PPP Rev: *D*

130



QC21- Final Inspection - Work Order Release

0.00

10/02/12 JJ

QC

Memo

0.00

Quality Control

W 10/02/12

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

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Page 1

Work Order ID: 55668



Parent Item: D412-702-045B



Parent Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Start Date: 1/27/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.10 new issue EC
IPP Rev:B 07-07-06 As per Rev E JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-16A		Purchased	No			110	Each	96.0000	2.0000		10-2-10	

Bolt

AN4-25A

BOLT

AN4-27A

Bolt



Warehouse

Location

Main Warehouse

ST
112969
18949

Loc Qty

Loc Code

96

94

2

2

Warehouse

Location

Main Warehouse

ST
104438
111605

Loc Qty

Loc Code

71

21

50

4

Warehouse

Location

Main Warehouse

ST
113359
113538

Loc Qty

Loc Code

56

6

50

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Required Date: 2/05/10

Comments: IPP rev A 07.05.10 new issue EC
IPP Rev:B 07-07-06 As per Rev E JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416		Purchased	No			110	Each	144.0000	20.0000		m113504	10-2-10 SV

Washer

NAS14900463 2

651 017 SF

D3572-041



Guide Assembly

Warehouse

Location

Main Warehouse

ST	144
112314	144
16941	0

Warehouse

Loc Qty

Loc Code

110	Each	4.0000	2.0000
-----	------	--------	--------

10-2-10

SF

Main Warehouse

ST	2
55013	2

Main Warehouse

ST260	2
55426	2

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Start Qty: 1.00

Required Qty: 1.00

IPP Rev:B 07-07-06 As per Rev E JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D412-702-111B		Manufactured	No			110	Each	1.0000	1.0000		10-2-10	S

Harness Assembly

D412-702-113B



Manufactured

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST274
54287

110	1	1.0000	1.0000
	Each		

1

Harness Assembly

D412-702-121B



Manufactured

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST274
54288

110	1	0.0000	1.0000
	Each		

1

Harness Assembly

D412-702-123B



Manufactured

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST274
54288

110	1	0.0000	1.0000
	Each		

1

Harness Assembly

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Start Date: 1/27/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.10 new issue EC

Start Qty: 1.00

Required Qty: 1.00

IPP Rev:B 07-07-06 As per Rev E JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4 		Purchased	No			110	Each	3,330.000	6.0000		10-2-10	S

Nut

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	3330	
102552	6	
104248	6	
110507	184	
111827	2134	6
113422	1000	
15924	0	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description	
2		2			D412-702-111B	HARNESS ASSEMBLY	
1*		1*			D3570-1	BRACKET	
1*		1*			D3579-047	SHOULDER HARNESS	
4*		4*			MS24694S50	SCREW	
4*		4*			AN960JD10L	WASHER	
4*		4*			MS21042L3	NUT	
2		2			D412-702-113B	HARNESS ASSEMBLY	
1*		1*			D3570-2	BRACKET	
1*		1*			D3579-048	SHOULDER HARNESS	
4*		4*			MS24694S50	SCREW	
4*		4*			AN960JD10L	WASHER	
4*		4*			MS21042L3	NUT	
1				1	D412-702-115B	HARNESS ASSEMBLY	
1*				1*	D3573-5	ADAPTER	
1*				1*	D3579-046	SHOULDER HARNESS	
1*				1*	K6.2	CLIP	
4*				4*	MS24693S272	SCREW	
4*				4*	AN960JD10LL	WASHER	
4*				4*	MS21042L3	NUT	
1				1	D412-702-117B	HARNESS ASSEMBLY	
1*				1*	D3573-5	ADAPTER	
1*				1*	D3579-045	SHOULDER HARNESS	
1*				1*	K6.2	CLIP	
4*				4*	MS24693S272	SCREW	
4*				4*	AN960JD10LL	WASHER	
4*				4*	MS21042L3	NUT	
2		2			D3542-1	BRACKET	
7		3		4	D3571-1	GUIDE	
2		2			D3571-3	GUIDE	
2			2		D3572-041	GUIDE ASSEMBLY	
12		6		6	D3578-041	DOUBLER	
2		2			D3610-041	BRACKET	
2		2			D3618-1	CAP	
4		4			AN4-10A	BOLT	
2			2		AN4-16A	BOLT	
4			4		AN4-25A	BOLT	
2			2		AN4-44A	BOLT	
2			2		MS24693S274	SCREW	
3		3			1	MS24694S56	SCREW
10		2		8		MS24694S58	SCREW
1		1			1	MS24694S60	SCREW
26		6		20		AN960JD416	WASHER
4		4				AN960JD416L	WASHER
12		6		6		MS21042L4	NUT
24		12		12	4	CR3212-4-4	RIVET

*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

S

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	X				D412-702-043B	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		X			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
			X		D412-702-047B	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
				X	D412-702-049B	Dart 1-Man 3-Point Forward Shoulder Harness Kit
1	1		1	1	D412-702-059	GROMMET KIT
2	1		1		D412-702-101B	Harness Assembly
1*	1*		1*		D3573-7	ADAPTER
1*	1*		1*		D3579-046	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
4*	4*		4*		MS21042L3	NUT
2	1		1		D412-702-103B	Harness Assembly
1*	1*		1*		D3573-8	ADAPTER
1*	1*		1*		D3579-045	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
4*	4*		4*		MS21042L3	NUT
1	1			1	D412-702-105B	Harness Assembly
1*	1*			1*	D3573-1	ADAPTER
1*	1*			1*	D3579-046	SHOULDER HARNESS
1*	1*			1*	K6.2	CLIP
4*	4*			4*	MS24693S273	SCREW
4*	4*			4*	AN960JD10LL	WASHER
4*	4*			4*	MS21042L3	NUT
1	1				D412-702-107B	Harness Assembly
1*	1*				D3573-3	ADAPTER
1*	1*				D3579-046	SHOULDER HARNESS
1*	1*				K6.2	CLIP
4*	4*				MS24693S272	SCREW
4*	4*				AN960JD10LL	WASHER
4*	4*				MS21042L3	NUT
1	1				D412-702-109B	Harness Assembly
1*	1*				D3573-3	ADAPTER
1*	1*				D3579-045	SHOULDER HARNESS
1*	1*				K6.2	CLIP
4*	4*				MS24693S272	SCREW
4*	4*				AN960JD10LL	WASHER
4*	4*				MS21042L3	NUT

*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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REFERENCE ONLY

8

The parts list in section 25.28 (pg. 93) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 40) of IIN-D412-702 Rev. E is amended as follows:

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	PART NUMBER	DESCRIPTION
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	X				D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

IS:

1	1				D412-702-111B	HARNESS ASSEMBLY (EXISTING)
1	1				D412-702-121B	HARNESS ASSEMBLY (NEW)
1*	1*				D3570-3	BRACKET
1*	1*				D3579-047	SHOULDER HARNESS
4*	4*				MS24694S50	SCREW
4*	4*				AN960JD10L	WASHER
1*	1*				MS21042L3	NUT
1*	1*				D3569-3	DECAL
1	1				D412-702-113B	HARNESS ASSEMBLY (EXISTING)
1	1				D412-702-123B	HARNESS ASSEMBLY (NEW)
1*	1*				D3570-4	BRACKET
1*	1*				D3579-048	SHOULDER HARNESS
4*	4*				MS24694S50	SCREW
4*	4*				AN960JD10L	WASHER
1*	1*				MS21042L3	NUT
1*	1*				D3569-3	DECAL
4	4				AN4-27A	BOLT (ADD)

WAS:

2	2				D412-702-111B	HARNESS ASSEMBLY
2	2				D412-702-113B	HARNESS ASSEMBLY

* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
ISSUE NO.:	3

DESIGN	99	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	99	
CHECKED		
MFG. APPR.	N/A	
APPROVED	#	
DE APPR.	#	
DATE	09.06.30	REV. A
DRAWING NO. DSI 9469		SHEET 2 OF 5
TITLE AFT-FACING SEAT UPDATE		SCALE NTS
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